

d his

```
(FILE 'USPAT' ENTERED AT 14:19:43 ON 10 DEC 1998)
L1      1032 S SLIDER AND (SPAC### (9A) CONTROL###)
L2      153996 S RESIST#### (P) TEMPERATURE
L3      63 S L1 AND L2
L4      27855 S 360/CLAS
L5      4 S L3 AND L4
L6      59 S L3 NOT L4
L7      85566 S MAGNETIC AND RECORD###
L8      12 S L6 AND L7
L9      432060 S HEATING
L10     123 S L1 AND L9
L11     22 S L7 AND L10
```

=> file jpoabs

FILE 'JPOABS' ENTERED AT 14:36:50 ON 10 DEC 1998

```
* * * * *
*   J A P A N E S E   P A T E N T   A B S T R A C T S   *
*
* DATA IS LOADED THROUGH DECEMBER 24, 1996, FOR THE JAPANESE *
* PATENT OFFICE ABSTRACT (JPOABS) FILE. NEW RECORDS ARE NOT *
* BEING ADDED. PLEASE USE THE GPI-JPO FILE (JPO) WHICH IS   *
* CURRENT THROUGH AUGUST 31, 1998 (SEE BELOW).              *
* * * * *
*   GLOBAL PATENT INFORMATION-JAPANESE PATENT OFFICE FILE   *
*                   (GPI-JPO FILE)                           *
*
* THE FILE IS CURRENT THROUGH AUGUST 31, 1998.              *
* * * * *
```

IRD CNOABS

=> s 13

```
13965 SLIDER
203336 SPAC###
865043 CONTROL###
5244 SPAC### (9A) CONTROL###
413680 RESIST####
297776 TEMPERATURE
38309 RESIST#### (P) TEMPERATURE
L12      0 L1 AND L2
```

=> s 110

```
13965 SLIDER
203336 SPAC###
865043 CONTROL###
5244 SPAC### (9A) CONTROL###
194120 HEATING
L13      0 L1 AND L9
```

=> s 111

```
208064 MAGNETIC
248554 RECORD###
```

13965 SLIDER
203336 SPAC###
865043 CONTROL###
5244 SPAC### (9A) CONTROL###
194120 HEATING
0 L7 AND L10

L14